

## PART B - FEE(S) TRANSMITTAL

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
(703) 746-4000

or Fax

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22462 7590 05/20/2005

GATES & COOPER LLP  
HOWARD HUGHES CENTER  
6701 CENTER DRIVE WEST, SUITE 1050  
LOS ANGELES, CA 90045

08/22/2005 TBESHAH2 00000012 500494 09857822

01 FC:2501 700.00 DA  
02 FC:8001 33.00 DA

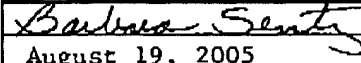
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## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Barbara Senty

(Depositor's name)



(Signature)

August 19, 2005

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/857,822	09/24/2001	Mark Stephen Sherwin	30794.58USWO	2596

TITLE OF INVENTION: QUANTUM COMPUTATION WITH QUANTUM DOTS AND TERAHERTZ CAVITY QUANTUM ELECTRODYNAMICS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$0	\$700	08/22/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
PHAN, THAI Q	2128	703-002000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Gates &amp; Cooper LLP

2

3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

The Regents of the University  
of California

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Oakland, California

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☐ Publication Fee (No small entity discount permitted)  
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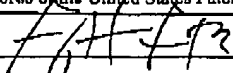
- ☐ A check in the amount of the fee(s) is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature



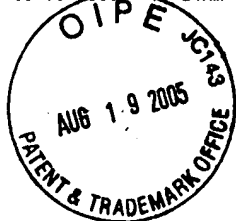
Date August 19, 2005

Typed or printed name George H. Gates

Registration No. 33,500

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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**Gates & Cooper** LLP

Howard Hughes Center  
6701 Center Drive West, Suite 1050  
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**FAX TRANSMISSION TO USPTO**

TO: Commissioner for Patents  
Attn: Examiner Thai Q. Phan  
Patent Examining Corps  
Facsimile Center  
Alexandria, VA 22313-1450

FROM: George H. Gates  
OUR REF.: G&C 30794.58-US-WO  
TELEPHONE: (310) 642-4146

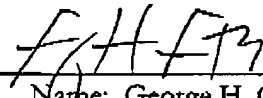
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PTO FAX NUMBER: **703-746-4000**

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Title of Document Transmitted:	TRANSMITTAL SHEETS AND ISSUE FEE TRANSMITTAL FORM PTOL-85 (W/1 COPY).
Applicant:	Mark S. Sherwin et al.
Serial No.:	09/857,822
Filed:	September 24, 2001
Group Art Unit:	2128
Title:	QUANTUM COMPUTATION WITH QUANTUM DOTS AND TERAHERTZ CAVITY QUANTUM ELECTRODYNAMICS
Our Ref. No.:	G&C 30794.58-US-WO

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP.

By:   
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August 19, 2005  
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G&C 30794.58-US-WO



Notice of Allow. Date: May 20, 2005  
Confirmation No.: 2596  
Due Date: August 20, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mark S. Sherwin et al. Examiner: Thai Q. Phan  
Serial No.: 09/857,822 Group Art Unit: 2128  
Filed: September 24, 2001 Docket: G&C 30794.58-US-WO  
Title: QUANTUM COMPUTATION WITH QUANTUM DOTS AND TERAHERTZ CAVITY  
QUANTUM ELECTRODYNAMICS

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being filed via facsimile transmission to the U.S. Patent and Trademark Office on August 19, 2005.

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Name: George H. Gates

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P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing a Certificate of Mailing or Transmission under 37 CFR 1.8.
- ☒ PTOL-85B - Part B - Issue Fee Transmittal (in duplicate).
- ☒ Charge the Issue Fee in the amount of \$700.00 to the Deposit Account.
- ☒ Advance Copies of Patent (11 copies).
- ☒ Charge the Fee for the Advance Copies of the Patent in the amount of \$33.00 to the Deposit Account.

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GATES & COOPER LLP  
Howard Hughes Center  
6701 Center Drive West, Suite 1050  
Los Angeles, CA 90045  
(310) 641-8797

By: [Signature]  
Name: George H. Gates  
Reg. No.: 33,500  
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